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## Patent Abstracts of Japan

PUBLICATION NUMBER : 11041446  
PUBLICATION DATE : 12-02-99

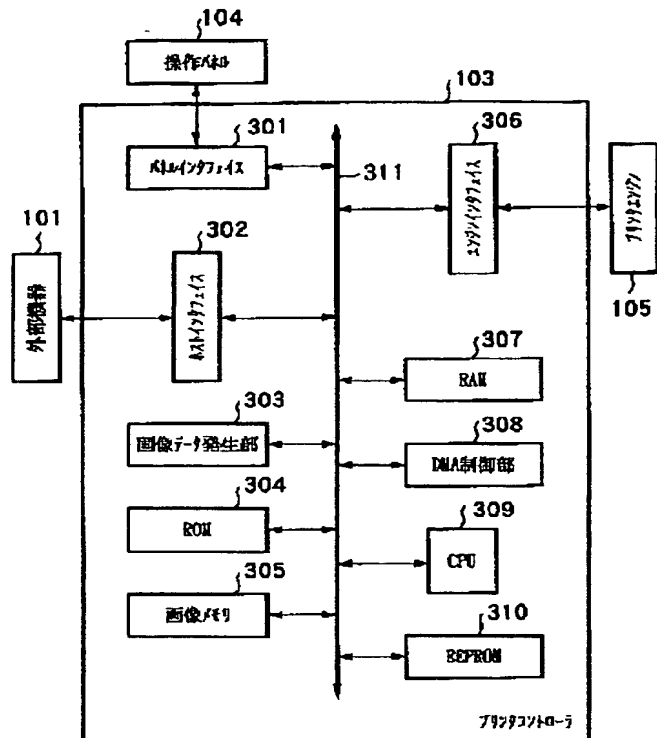
APPLICATION DATE : 16-07-97  
APPLICATION NUMBER : 09191518

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INVENTOR : SHIBAHARA YASUKO;

INT.CL. : H04N 1/387

TITLE : DEVICE AND METHOD FOR  
PROCESSING IMAGE AND  
RECORDING MEDIUM



ABSTRACT : PROBLEM TO BE SOLVED: To enable the application of identification information based on the optimum formation pattern corresponding to the kind or characteristic of a recording medium by discriminating the kind of the recording medium to be supplied, selecting any pattern based on the discriminated result and adding the identification information to image information data to be inputted by the selected pattern.

SOLUTION: A processing sequence for adding the identification information for chasing forgery to an image is executed by a CPU 309. Corresponding to the recording medium to be supplied, this information is embedded in threshold value information to be used for pseudo gradation processing. The identification information is added by modulating the image signal of the most difficult color component to visual confirmation in the color components of the output image for adding a prescribed value. It is investigated whether chrominance data to be processed are the data of the color component to add the identification information or not and when these data are not such data, the pseudo gradation processing is performed by ordinary dither processing but when these data show such a color component, the suitable method for adding the identification information is selected by investigating the kind of the recording medium to be supplied.

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